

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
20 January 2005 (20.01.2005)

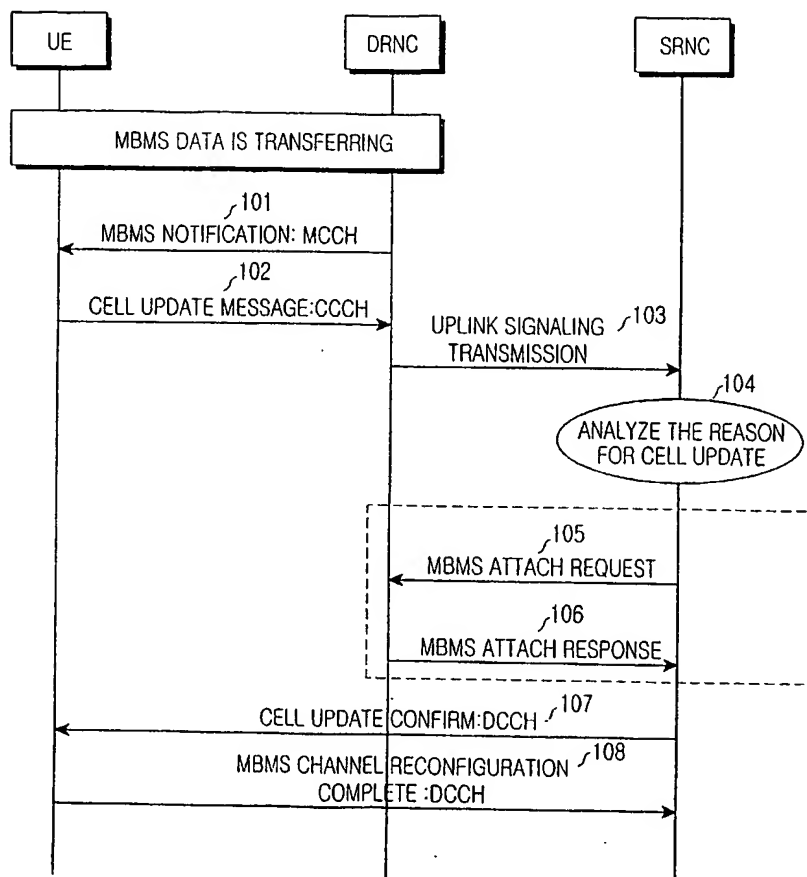
PCT

(10) International Publication Number  
**WO 2005/006596 A1**

- (51) International Patent Classification<sup>7</sup>: **H04B 7/26**
- (21) International Application Number:  
PCT/KR2004/001678
- (22) International Filing Date: 8 July 2004 (08.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
03147532.9 9 July 2003 (09.07.2003) CN
- (71) Applicants (for all designated States except US): **SAM-SUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Mae-tan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR). Beijing Samsung Telecom R & D Center [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, Beijing 100081 (CN).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): **LEE, Kook-Heui** [KR/KR]; #108-1004, Byucksan 1-chu APT., Suji-eup, Yongin-si, Gyeonggi-do 449-755 (KR). **CHOI, Sung-Ho** [KR/KR]; #232-503, Hwanggolmaeul 2-danji APT., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-744 (KR). **LI, Detao** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, Beijing 100081 (CN). **WANG, Hong** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, Beijing 100081 (CN).
- (74) Agent: **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: METHOD FOR INITIATING UPLINK SIGNALING PROACTIVELY BY MBMS UE



(57) Abstract: A method for initiating uplink signaling proactively by the MBMS UE, comprising steps of: the UE moving to a new cell; listening to information on a MCCH; initiating an uplink signaling according to information on the MCCH; sending a response message to the UE by a RNC, or if no UE moving to the new cell, initiating the uplink signaling proactively by the UE if the information received from the MCCH includes an indication for UE counting; and sending a response message to the UE by the RNC. The UE in URA\_PCH mode and IDLE mode can response to the MBMS Notification message sent by the RNC, and can initiate the Cell Update process or the RRC Connection process in order to obtain the MBMS parameters. The RNC sets different contents for the response message according to different reasons of message initiation.



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*